

# METHOD AND RELATED SYSTEM FOR SEMICONDUCTOR EQUIPMENT PREVENTION MAINTENANCE MANAGEMENT

## Abstract

A method and related system for semiconductor equipment prevention maintenance management. The method includes recording process parameters of each piece of equipment, recording equipment parameters when each piece of equipment is processing, evaluating and recording time and cost of prevention maintenance after each piece of equipment runs prevention maintenance, evaluating the quality of semiconductor products, and analyzing a relationship between the corresponding process parameter, the corresponding equipment parameters, prevention maintenance cost, and semiconductor products of each piece of equipment.